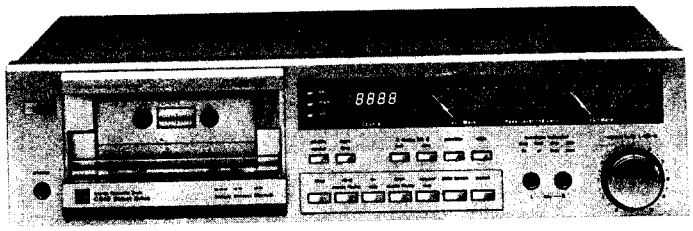
C 846



Service-Anleitung
Service Manual
Instructions de Service

Technische Daten (typische Werte) Das Gerät erfüllt bzw. übertrifft die in DIN 45 500 festgelegten Anforderungen an Geräte der Heimstudio-Technik (HiFi).	**Technical Data (typical values)** The unit meets the requirements of DIN 45 500 for domestic HiFi equipment. The data given are based on the current DIN reference tapes.	**Caractéristiques techniques (valeurs caractéristiques)** Cet appareil surpasse par ses performances les exigences de la norme DIN 45 500 (matériel HiFi, grand public).	Dolby B	Dolby C	Dolby B	Dolby C
Bandgeschwindigkeit	**Tape speed**	**Vitesse de la bande**	9,5 cm/s		4,75 cm/s	
Kurzzeitige Geschwindigkeitsschwankungen (Tonhöhenschwankungen) W.R.M.S. nach DIN Aufnahme/Wiedergabe	**Wow and flutter** Weighted RMS to DIN for recording/playback	**Fluctuations instantanées de la vitesse** (variations de la hauteur du son) W.R.M.S. selon DIN enregistrement/lecture	0,03 % 0,07 %		0,045 % 0,12 %	
Übertragungsbereich (bezogen auf DIN-Toleranzfeld) Fe-Band CrO_2-Band FeCr-Band Reineisen-Band	**Frequency response** (ref. to DIN tolerances) Standard Fe tape CrO_2 tape FeCr tape Metal tape	**Bande passante** (ramenée à la plage de tolérance DIN) Bande Fe Bande CrO_2 Bande FeCr Bande fer pur	 25 – 24 000 Hz 25 – 24 000 Hz 25 – 24 000 Hz 25 – 24 000 Hz		 25 – 16 000 Hz 25 – 17 000 Hz 25 – 18 000 Hz 25 – 19 000 Hz	
Ruhegeräuschspannungsabstand mit Dolby NR Fe-Band CrO_2-Band FeCr-Band Reineisen-Band	**Signal-to-noise ratio** with Dolby NR Standard Fe tape CrO_2 tape FeCr tape Metal tape	**Rapport signal/bruit** avec Dolby NR Bande Fe Bande CrO_2 Bande FeCr Bande fer pur	 67 67 69 69	 74 74 76 76	 65 65 67 67	 72 72 74 74
Übersprechdämpfung (bei 1000 Hz) zwischen zusammengehörigen Kanälen zwischen Kanälen in Gegenrichtung	**Channel separation** (at 1,000 Hz) between stereo channels in opposite direction	**Diaphonie** (à 1000 Hz) en sens stéréo en sens inverse	40 dB 70 dB			
Löschdämpfung (bei 1000 Hz)	**Erasure** (at 1000 Hz)	**Atténuation d'effacement** (à 1000 Hz)	70 dB			
Oszillator-Frequenz (Gegentaktoszillator)	**Oscillator** (push/pull oscillator)	**Fréquence de l'oscillateur** (oscillateur push-pull)	105 kHz			
Eingänge (Empfindlichkeit für 0 dB) Mikrofon (1/4" Koax.-Buchse) Receiver/Verstärker (RCA-Buchsen)	**Inputs** (sensivity at 0 dB) Microphone (1/4" coaxial jack) Receiver/amplifier (RCA jacks)	**Entrées** (sensibilité pour 0 dB) Micro (prise coaxiale de 1/4") Ampli-tuner/amplificateur (prises RCA)	0,4 mV / 10 kΩ 70 mV / 60 kΩ			
Ausgänge Receiver/Verstärker (RCA-Buchsen) Kopfhörer (1/4" Koax.-Buchse)	**Outputs** Receiver/amplifier (RCA jacks) Headphones (1/4" coaxial jack)	**Sorties** Ampli-tuner/amplificateur (prises RCA) Casque d'écoute (prise coaxiale de 1/4")	560 mV / 4 kΩ 4 – 2000 Ω			
Umspulzeit für C 60 Cassette	**Fast winding time** for C 60 cassettes	**Temps de rebobinage** pour cassette C 60	80 s			
Bandlaufüberwachung (elektronisch) Abschaltzeit	**Tape monitor** (electronic) shut-off time	**Contrôle du défilement de bande** (électronique) Temps de déclenchement	1,5 s			
Netzspannung	**Line voltage**	**Tension secteur**	Model Europe 230 V Model USA/Kanada 115 V			
Netzfrequenz	**Line frequency**	**Fréquence secteur**	50/60 Hz			
Leistungsaufnahme	**Power requirement**	**Consommation**	40 W			

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920 953 0485

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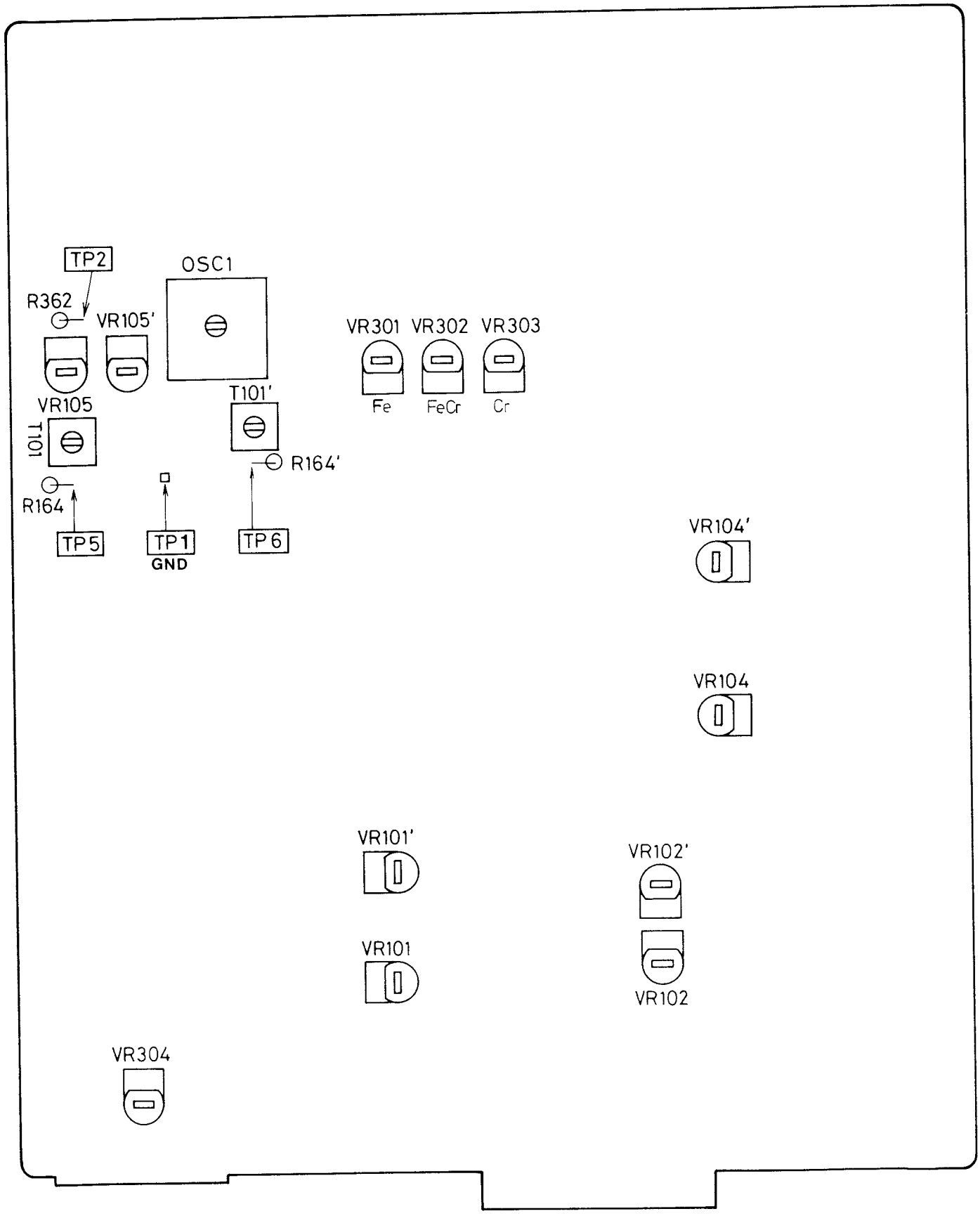
Abgleichanleitung C 846 · Adjustment instructions C 846

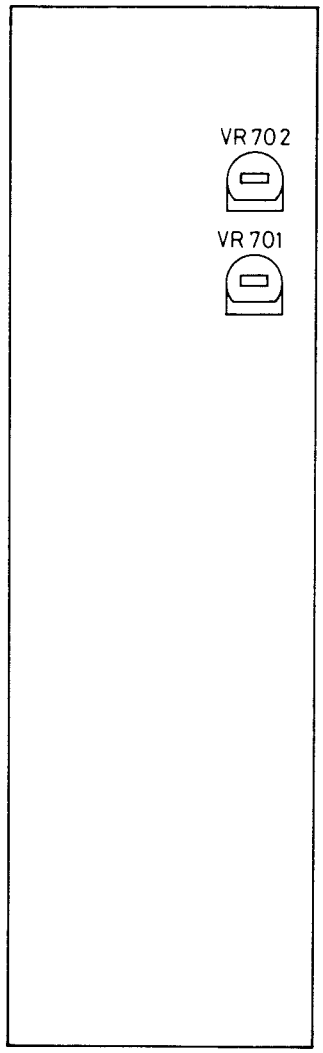
Signalquelle Signal source	Einstellung Signalquelle Signal source adjustment	Einstellung Gerät Unit adjustment	Meßgerät-Anschluß Testgear connection	Abgleichposition Adjustment position	Abgleich, Bemerkung Adjustment, Remarks
Bandlauf, Bandzug · Tape Run, Tape Tension (4,75 cm/s)					
Spiegelkassette Mirror cassette		Play: ON			Bandlauf prüfen Check tape run
Bandzugmeßkassette Torque Meter cassette				VR 601	50 ± 5 p/cm
Bandgeschwindigkeit · Tape Speed					
Meßkassette 1 Test cassette 1	3150 Hz	Play: ON Double Speed: OFF	Frequenzzähler an Frequency counter to OUTPUT L/R	VR 701	3150 Hz, ≙ 4,75 cm/s
		Double Speed: ON		VR 702	6300 Hz, ≙ 9,5 cm/s
Azimut · Azimuth (4,75 cm/s)					
Meßkassette 21 Test cassette 21	10 kHz	Play: ON	NF-Voltmeter an AF-voltmeter to OUTPUT L/R	Azimutschraube A Azimuth screw A	Maximum, mit Lack sichern Lock with Lacquer
Wiedergabepegel · Playback level (4,75 cm/s)					
Meßkassette 21 Test cassette 21	400 Hz Dolby	Play: ON Dolby B: ON	NF-Voltmeter an AF-voltmeter to OUTPUT L/R	VR 102 L CH VR 102' R CH	560 mV
Wiedergabefrequenzgang · Frequency reponse (4,75 cm/s)					
Meßkassette 21 Test cassette 21	400 Hz/10 kHz (– 20 db)	Play: ON	NF-Voltmeter an AF-voltmeter to OUTPUT L/R	VR 101 L CH VR 101' R CH	10-kHz-Pegel auf 400-Hz-Pegel angleichen. Adjust to level symmetrie
Oszillator, HF-Sperrkreis · Oscillator, RF-trap (4,75 cm/s)					
IEC IV-Kassette IEC IV-cassette		Tape: Met Record: ON	Frequenzzähler an Frequency counter to TP 2 (R 362)	OSC 1	105 kHz ± 2 kHz
			NF-Voltmeter an AF-voltmeter to TP 5 (R 164) TP 6 (R 164')	T 101 L CH T 101' R CH	Minimum HF Minimum RF
Aufnahmepegel · Record Level (4,75 cm/s)					
NF-Generator an AF-generator to INPUT L/R	400 Hz ca. 100 mV TDK MA AC-712 IEC IV	Tape: Met Record: ON	NF-Voltmeter an AF-voltmeter to OUTPUT L/R	Record Level	560 mV OUTPUT L/R
				VR 104 L CH VR 104' R CH	560 mV
HF-Vormagnetisierung · RF-Magnetic-Biasing (4,75 cm/s)					
NF-Generator an AF-generator to INPUT L/R	400 Hz, 12 kHz ca. 100 mV TDK MA AC-712	Record: ON Monitor: ON Tape: Met	NF-Voltmeter an AF-voltmeter to OUTPUT L/R	Record Level	56 mV OUTPUT L/R
				VR 105 L CH VR 105' R CH	Bei Wiedergabe wird der 12-kHz-Pegel dem 400-Hz-Pegel angeglichen. Mehr Höhen = gegen den Uhrzeigersinn drehen. Adjust to level symmetrie on playback test frequency, at treble emphasis: turn counter clockwise
	BASF IEC I	Tape: Fe		VR 301	
	BASF IEC II	Tape: Cr		VR 303	
	Sony Duad IEC III	Tape: FeCr		VR 302	
Pegelanzeige · Level indicator (4,75 cm/s)					
NF-Generator an AF-generator to INPUT L/R	400 Hz ca. 100 mV IEC IV Cassette	Tape: Met Dolby B: ON Record: ON Monitor: OFF	NF-Voltmeter an AF-voltmeter to OUTPUT L/R	Record Level	560 mV OUTPUT L/R
				VR 201 L CH VR 201' R CH	VU-Meter +3 db
				Record Level	630 mV OUTPUT L/R
				VR 304	LED Indicator 150%

Meßkassette 1: Gleichlaufkassette 3150 Hz
Meßkassette 21: 400 Hz Dolby-Pegel, 200 nWb/m
400 Hz – 20 dB, 10 kHz – 20 dB

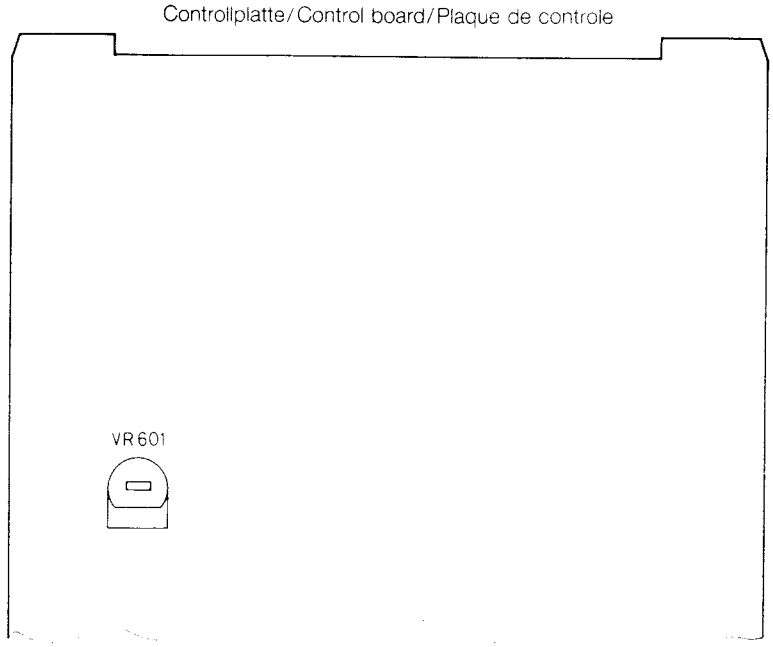
Test cassette 1: Tape speed test cassette 3150 Hz
Test cassette 21: 400 Hz Dolby-level 200 nWb/m
400 Hz – 20 dB, 10 kHz – 20 dB


TP2
OSC1
R362
VR105'
VR301
VR302
VR303
Fe
FeCr
Cr
VR105
T101
T101'
R164'
R164
TP5
TP1
GND
TP6
VR104'
VR104
VR101'
VR102'
VR101
VR102
VR304

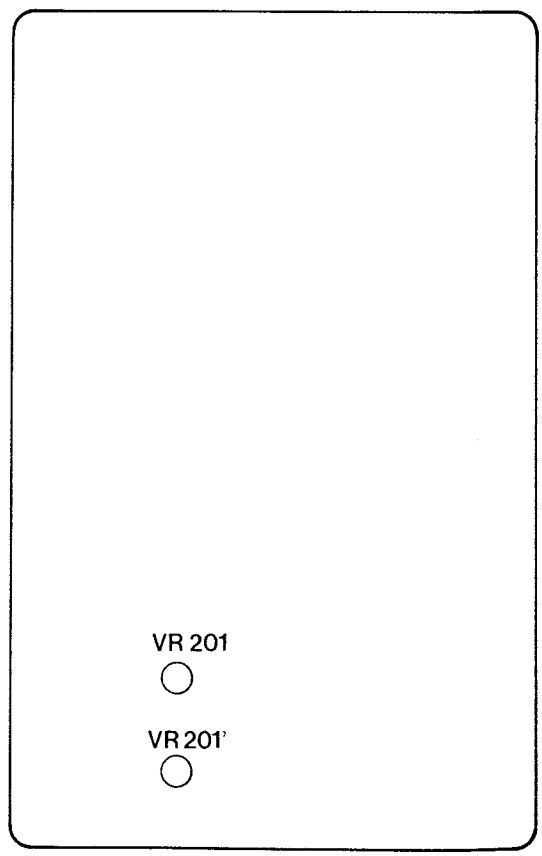
Selectionsplatte/Selection board/Plaque de selection

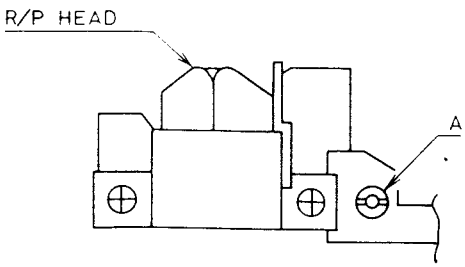


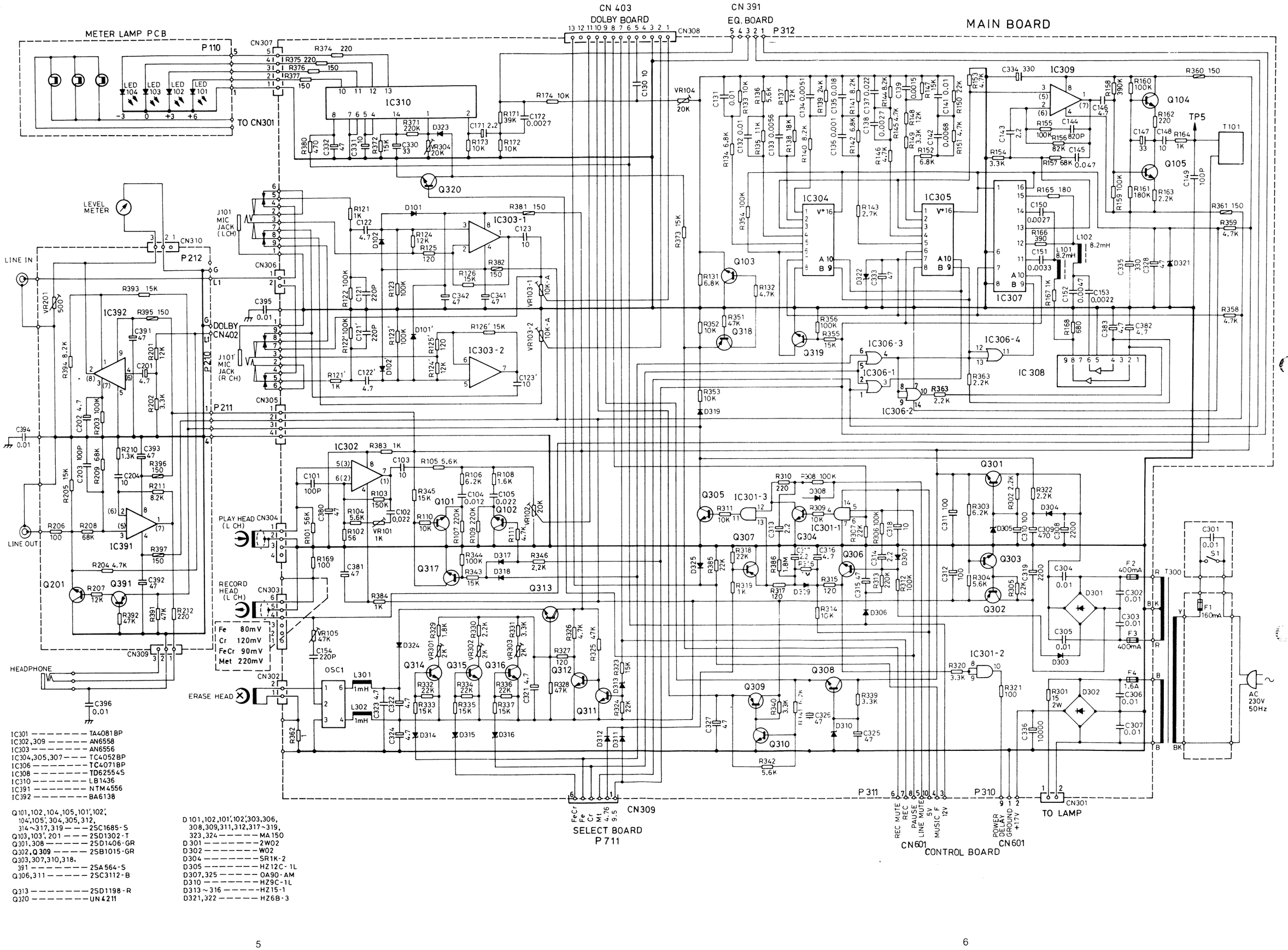
Controllplatte/Control board/Plaque de controle



Anschlußplatte/Connection plate/Plaque de branchement



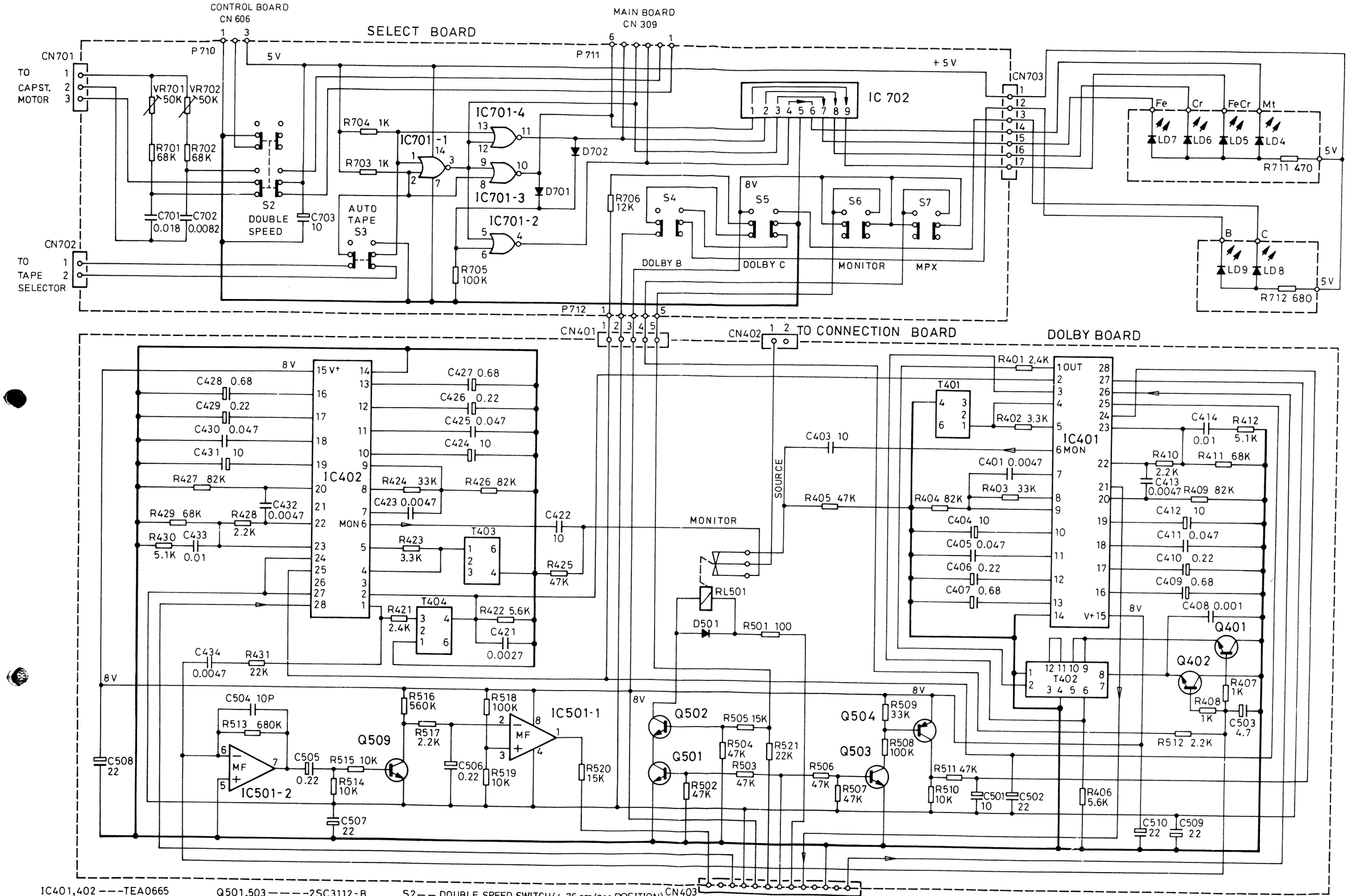




IC301 ——— TA4081BP
IC302,309 ——— AN6558
IC303 ——— AN6556
IC304,305,307 ——— TC4052BP
IC306 ——— TC4071BP
IC308 ——— TD62554S
IC310 ——— LB1436
IC391 ——— NTM4556
IC392 ——— BA6138

Q101,102,104,105,101',102',104',105',304,305,312,314~317,319 ——— 2SC1685-S
Q103,103',201 ——— 2SD1302-T
Q301,308 ——— 2SD1406-GR
Q302,Q309 ——— 2SB1015-GR
Q303,307,310,318,391 ——— 2SA564-S
Q306,311 ——— 2SC3112-B
Q313 ——— 2SD1198-R
Q320 ——— UN4211

D101,102,101',102',303,306,308,309,311,312,317~319,323,324 ——— MA150
D301 ——— 2W02
D302 ——— W02
D304 ——— SR1K-2
D305 ——— HZ12C-1L
D307,325 ——— 0A90-AM
D310 ——— HZ9C-1L
D313~316 ——— HZ15-1
D321,322 ——— HZ6B-3



IC401,402 ---TEA0665
IC501 ----- AN6556
IC701 ----- TC4001BP
IC702 ----- TD62554S

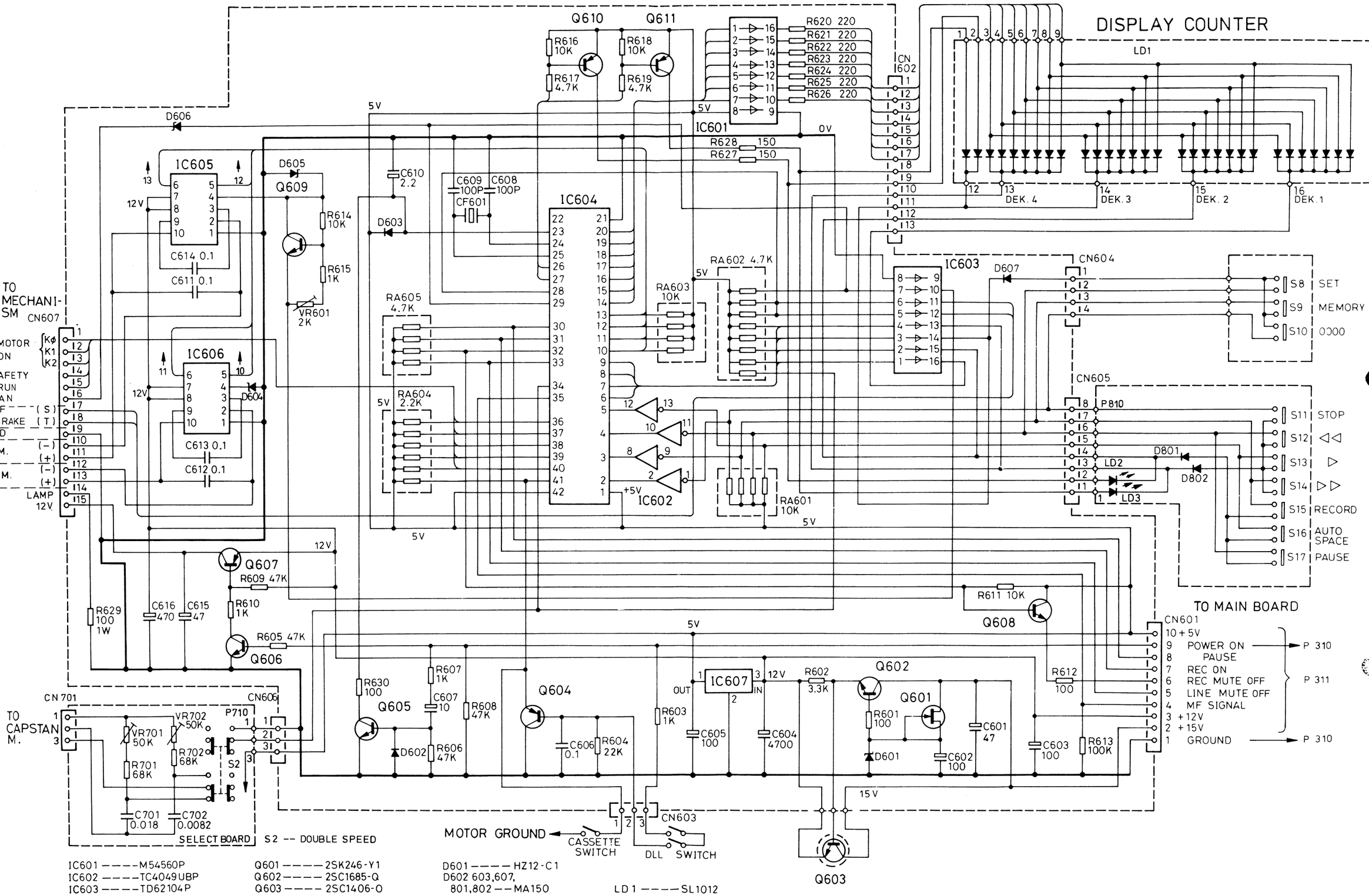
Q401,402,502,
509 ----- 2SC1685-S

Q501,503 ----2SC3112-B
Q504 -------2SA564-S

D501,701,702 -- MA150
LD4~7 -------GL-9NG24
LD 8,9 -------GL-9HY24

S2 -- DOUBLE SPEED SWITCH (4.76 cm/sec POSITION)
S3 -- AUTO TAPE SWITCH (AUTO POSITION)
S4 -- DOLBY NR B SWITCH (OFF POSITION)
S5 -- DOLBY NR C SWITCH (OFF POSITION)
S6 -- MONITOR SWITCH (OFF POSITION)
S7 -- MPX FILTOR SWITCH (OFF POSITION)

CONTROL BOARD



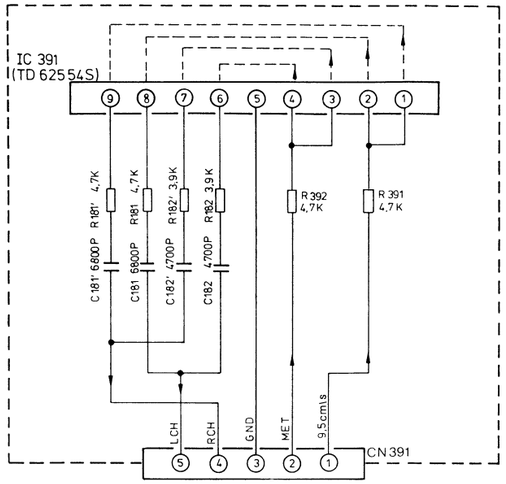
IC601 ----M54560P
IC602 ----TC4049UBP
IC603 ----TD62104P
IC604 ----TMP4321
IC605 ----BA6109
IC606 ----BA6209
IC607 ----AN7805

Q601 ----2SK246-Y1
Q602 ----2SC1685-Q
Q603 ----2SC1406-O
Q604,610,611-2SA564-S
Q605,606--2SC3112-B
Q607----2SB1015-GR
Q608,609--2SC1685-S

D601 ----HZ12-C1
D602 603,607,
801,802--MA150
D604 ----HZ9C-1
D605 ----HZ7B-1
D606 ----HZ3B-2

LD1 ----SL1012
LD2 ----GL-9NG24
LD3 ----GL-9PR24

EQUALIZER BOARD



P 312

TO MAIN BOARD

Legende IC 304, IC 305

IC 304 activ: Low to Pin 6 (INH) ≙ 9,5 cm/s
IC 305 activ: Low to Pin 6 (INH) ≙ 4,75 cm/s

Pin	B 9	A 10	Y 3
Fe	H	L	2
Cr	H	H	4
FeCr	L	L	1
Met	L	H	5

Legende IC 307

	Pin	B 9	A 10	X 13
4,75 cm/s	Fe	H	L	15
	Cr	H	L	15
	FeCr	L	L	12
	Met	L	L	12
9,5 cm/s	Fe	H	H	11
	Cr	H	H	11
	FeCr	L	H	14
	Met	L	H	14

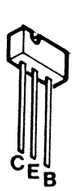
Legende IC 308

Pin	4	2
Fe	H	H
Cr	H	H
FeCr	L	L
Met	L	L

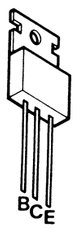
2 SA 564
2 SC 1685
2 SC 3112
2 SD 1302

2 SK 246

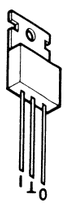
UN 4211



2 SD 1198

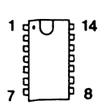


2 SB 1015
2 SD 1405
2 SD 1406

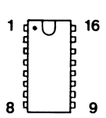


AN 7805

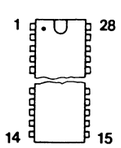
AN 6556
AN 6558
NTM 4556



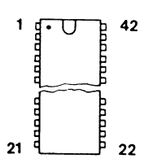
TC 4001
TC 4071
TC 4081
TC 1436



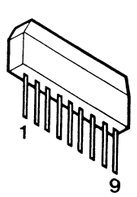
TC 4052
TC 4069
TD 62104
LB 1436



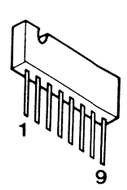
TEA 0665



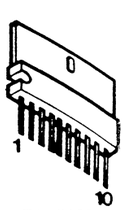
TMP 4321



TD 62554



BA 5138



BA 6109
BA 6209

Verbindungen/Connections

Grundplatte/Main Board
CN 301 → Lamp VU-Meter
CN 302 → Erease, Head
CN 303 → Record Head
CN 304 → Play Head
CN 305 → P 211 Connection Board
CN 306 → P 212 Connection Board
CN 307 → P 110 Peak Level Board
CN 308 → CN 403 Dolby Board
CN 309 → P 711 Selection Board
P 310 → CN 601 Control Board
P 311 → CN 601 Control Board
P 312 → CN 391 Equalizer Board

Controllplatte/Control Board
CN 601 → P 310, P 311 Main Board
CN 602 → Counter Board
CN 603 → DLL, Cassette Switch
CN 604 → Memory Switch
CN 605 → P 810 Touch Switch Board
CN 606 → P 710 Selection Board
CN 607 → Laufwerk

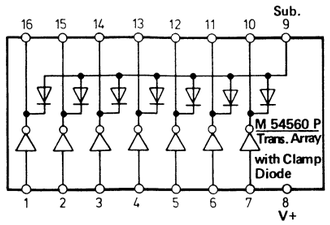
Anschlußplatte/Connection Board
CN 309 → Headphone
CN 310 → VU-Meter
P 210 → CN 402 Dolby Board
P 211 → CN 305 Main Board
P 212 → CN 306 Main Board

Dolbyplatte/Dolby Board
CN 401 → P 712 Selection Board
CN 402 → P 210 Connection Board
CN 403 → CN 308 Main Board

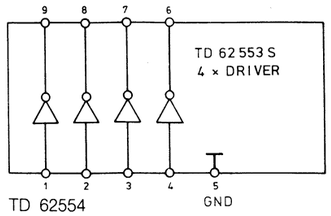
Selectionplatte/Selection Board
CN 701 → Capstan Motor
CN 702 → Tape Selector (Laufwerk)
CN 703 → Autotape Indicator
P 710 → CN 606 Control Board
P 711 → CN 309 Main Board
P 712 → CN 401 Dolby Board

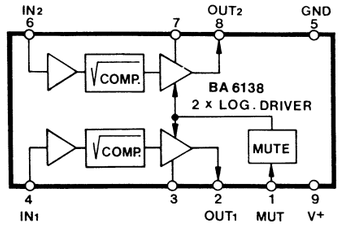
Tipptastenplatte/Touch Switch Board
P 810 → CN 605 Control Board

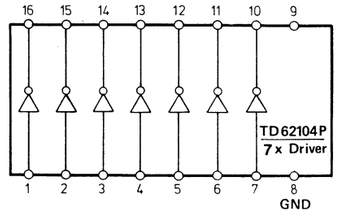
Entzerrerplatte/Equalizer Board
CN 391 → P 312 Main Board

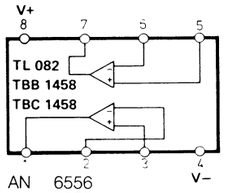


TD 62554

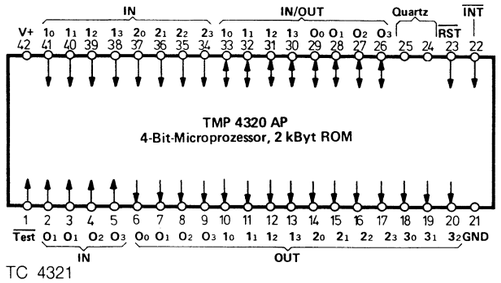




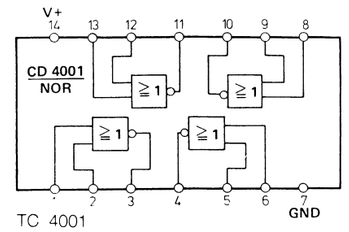




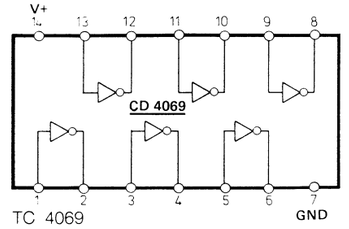
AN 6556
AN 6558
NTM 4556



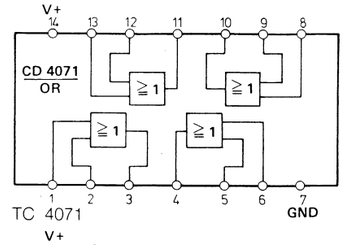
TC 4321



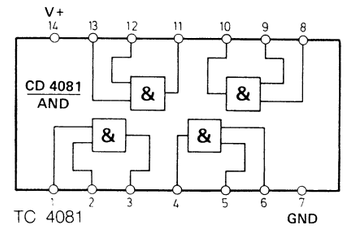
TC 4001



TC 4069

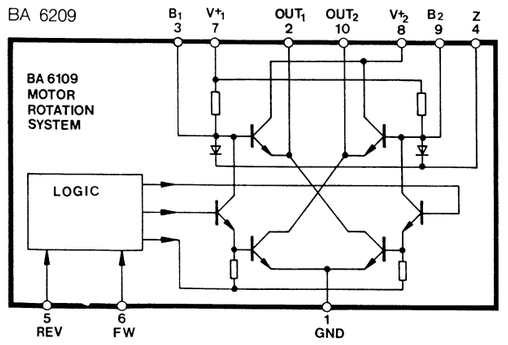


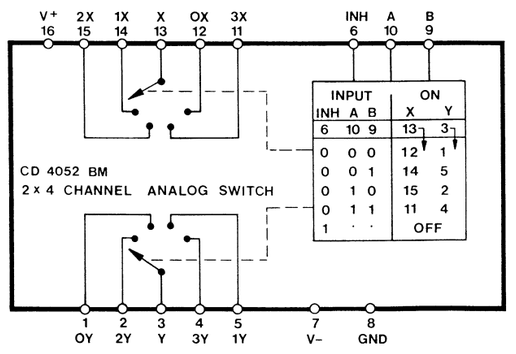
TC 4071

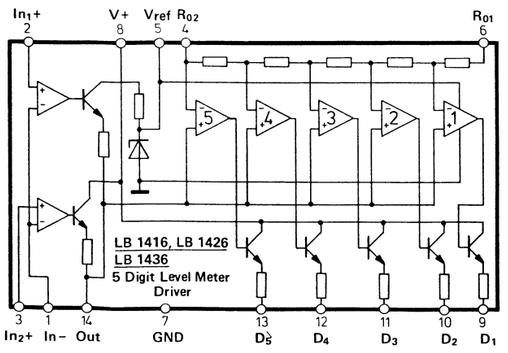


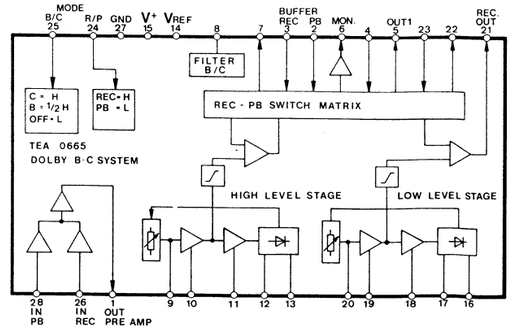
TC 4081

BA 6209



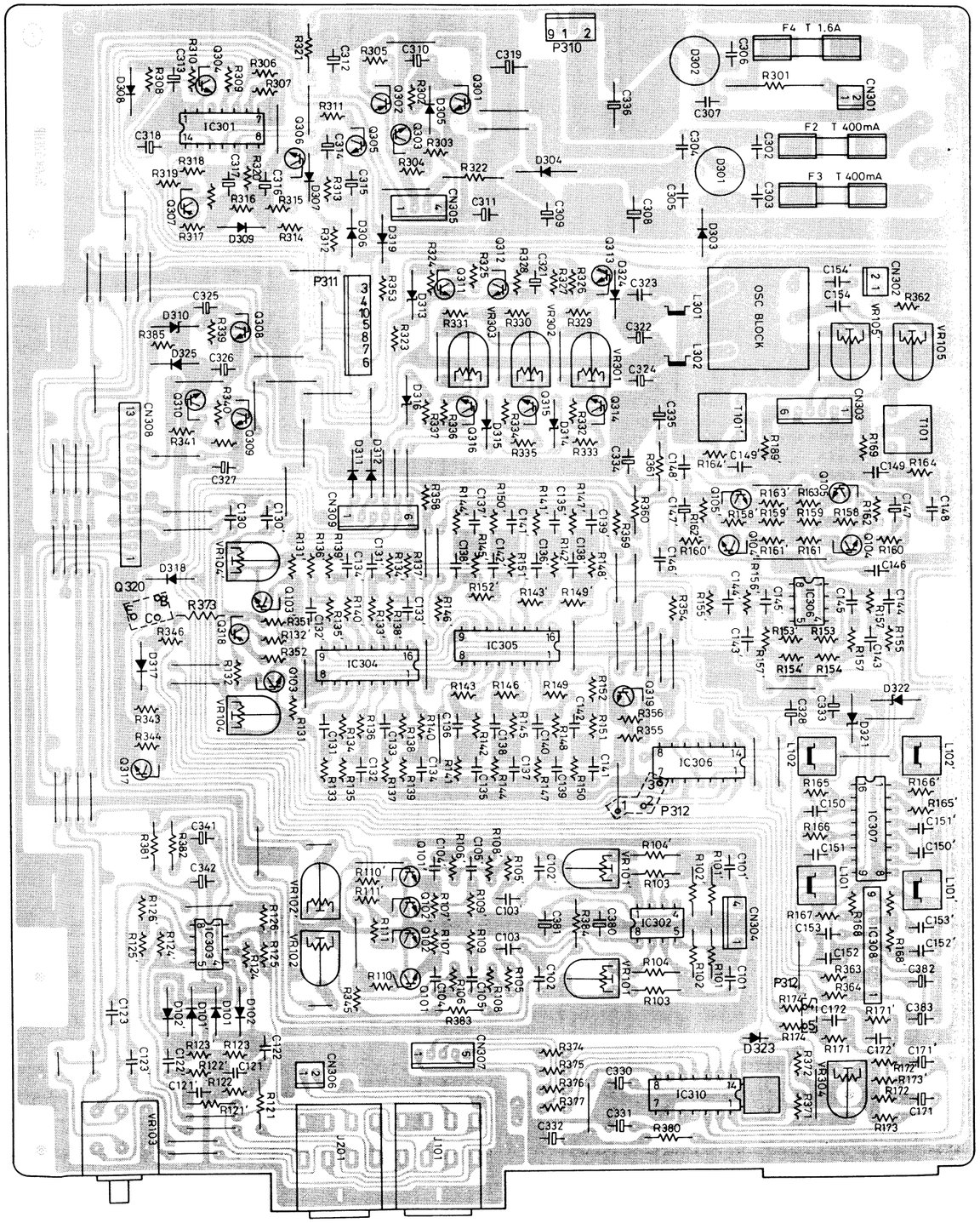




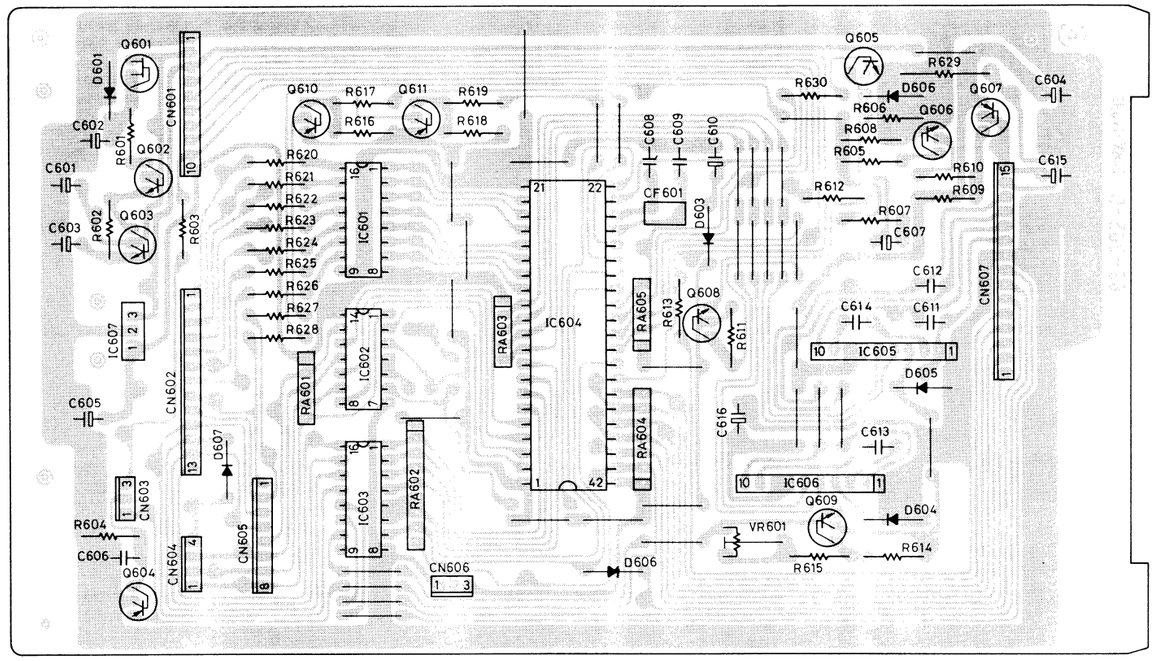


Grundplatte/Main Board L
CN 301 → Lamp VU-Meter
CN 302 → Erease, Head
CN 303 → Record Head
CN 304 → Play Head
CN 305 → P 211 Connection Board
CN 306 → P 212 Connection Board
CN 307 → P 110 Peak Level Board
CN 308 → CN 403 Dolby Board
CN 309 → P 711 Selection Board
P 310 → CN 601 Control Board
P 311 → CN 601 Control Board
P 312 → CN 391 Equalizer Board

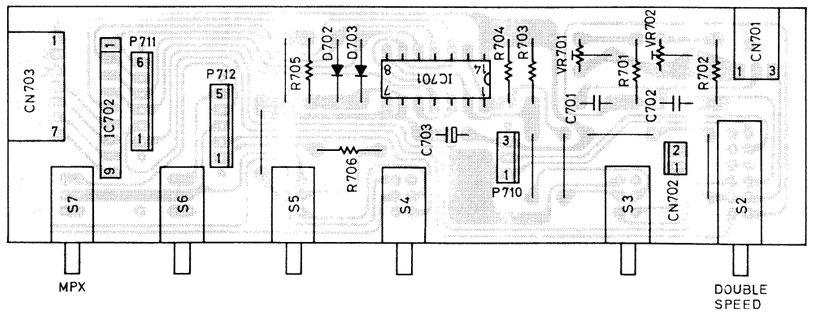
L = Leiterseite/Wiring side/Côte de conducteur



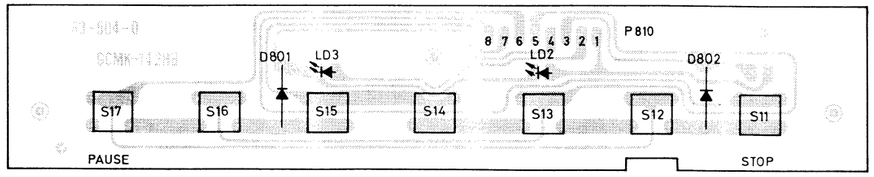
Controllplatte/Control Board L
CN 601 → P 310, P 311 Main Board
CN 602 → Counter Board
CN 603 → DLL, Cassette Switch
CN 604 → Memory Switch
CN 605 → P 810 Touch Switch Board
CN 606 → P 710 Selection Board
CN 607 → Laufwerk



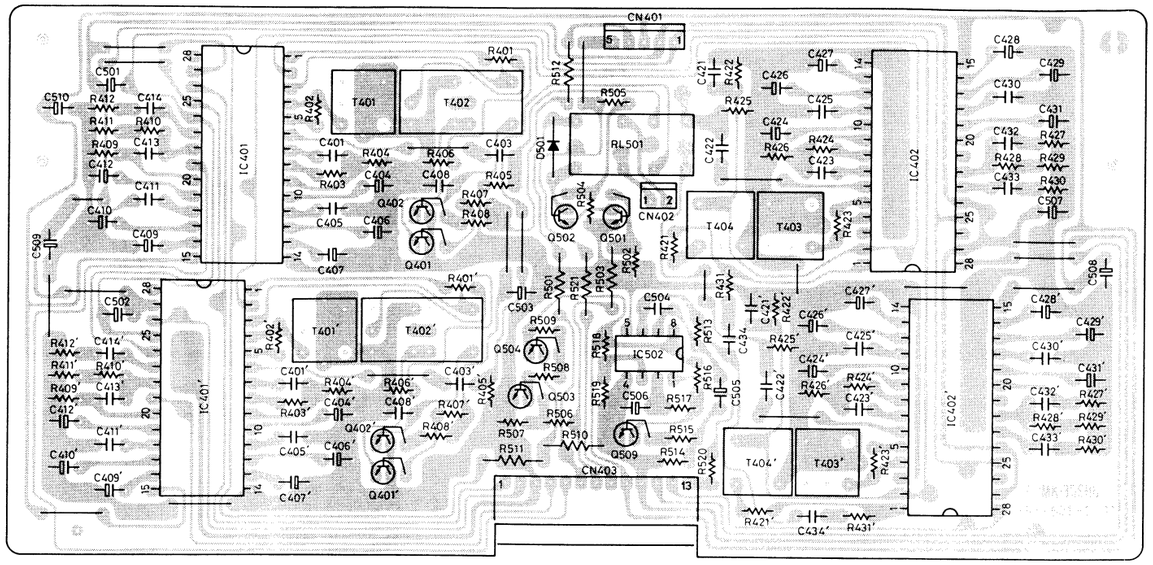
Selectionplatte/Selection Board L
CN 701 → Capstan Motor
CN 702 → Tape Selector (Laufwerk)
CN 703 → Autotape Indicator
P 710 → CN 606 Control Board
P 711 → CN 309 Main Board
P 712 → CN 401 Dolby Board



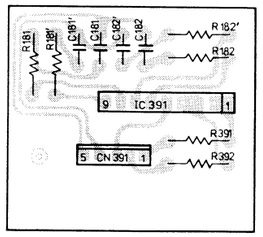
Tipptastenplatte/Touch Switch Board L
P 810 → CN 605 Control Board



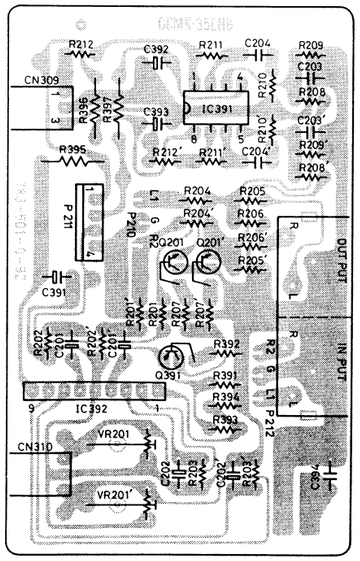
Dolbyplatte/Dolby Board L
CN 401 → P 712 Selection Board
CN 402 → P 210 Connection Board
CN 403 → CN 308 Main Board



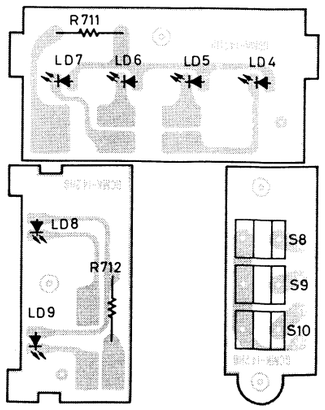
Entzerrerplatte/Equalizer Board L
CN 391 → P 312 Main Board



Anschlußplatte/Connection Board L
CN 309 → Headphone
CN 310 → VU-Meter
P 210 → CN 402 Dolby Board
P 211 → CN 305 Main Board
P 212 → CN 306 Main Board



LED-Platte/LED board L



Prozessor TMP 4321 (IC 604) Pin Connection · Pinbelegung

Pin		Signal				Remarks · Bemerkungen
1 ←	⎍	+ 5 Volt				
2 ←	⎍			0000 Switch	Stop Switch	
3 ←	⎍	Record Switch		Memory Switch	Fast Forward Switch	
4 ←	⎍	Pause Switch		Set Switch	Rewind Switch	
5 ←	⎍	Auto Space Switch			Play Switch	
6 →	⎍	Pulse Dekade 1				
7 →	⎍	Pulse Dekade 2				
8 →	⎍	Pulse Dekade 3				
9 →	⎍	Pulse Dekade 4				
10 →	⎿	Slide Motor Forward ON				FF, RW
11 →	⎿	Slide Motor Reverse ON				Play, Record SB, Record, Auto Space, Pause
12 →	⎿	Reel Motor Forward ON				Play, Auto Space, FF, MF ▶▶
13 →	⎿	Reel Motor Reverse ON				RW, MF ◀◀
14 →	⎍	Pulse Segment a	} to Counter			
15 →	⎍	Pulse Segment b				
16 →	⎍	Pulse Segment c				
17 →	⎍	Pulse Segment d				
18 →	⎍	Pulse Segment e				
19 →	⎍	Pulse Segment f				
20 →	⎍	Pulse Segment g				
21		GND				
22		+ 5 Volt				
23 ←	⎍	Reset				Power ON
24		} Quartz				
25						
26 →	⎍	Pulse LED Record	Dek. 2	Dot Set	Dek. 3	Record SB, Record | Set
27 →	⎍	Pulse LED Play		Dot Memory		Play, Record SB | Memory
28 →	⎎	Right Reel Brake ON (rechte Bandwickelbremse)				Play →, Record →, FF →, RW →, Stop
29 →	⎎	Capstan Motor ON, Reel Motor Tape Tension Level ON (Bandzug-Pegel)				Play, Record, Record SB, Pause
30 →	⎎	Pause, Muting, OFF				Record SB, Pause
31 →	⎎	Record ON, Oscill. ON				Record SB, Record
32 →	⎿	Record Amp Muting OFF				Record
33 →	⎎	Line Muting OFF				Play, Record SB, Record
34 ←	⎿	Double Speed (9.5 cm/s) ON				Double Speed
35 ←	⎿	Signal Space (Musiklücke)				MF ▶▶, ◀◀
36 ←	⎍⎍⎍	Tape Run Sensor				FF, RW, Play, MF ▶▶, ◀◀
37 ←	⎎	Record Safety Switch				Musicassette
38 ←		see Logic Matrix	} Slide Motor Position			} Position Tonkopfschlitten
39 ←						
40 ←						
41 ←	⎿	DLL ON, Cassette Switch				Without a cassette, Kassette entfernt
42		U_{BAT} + 5 Volt				

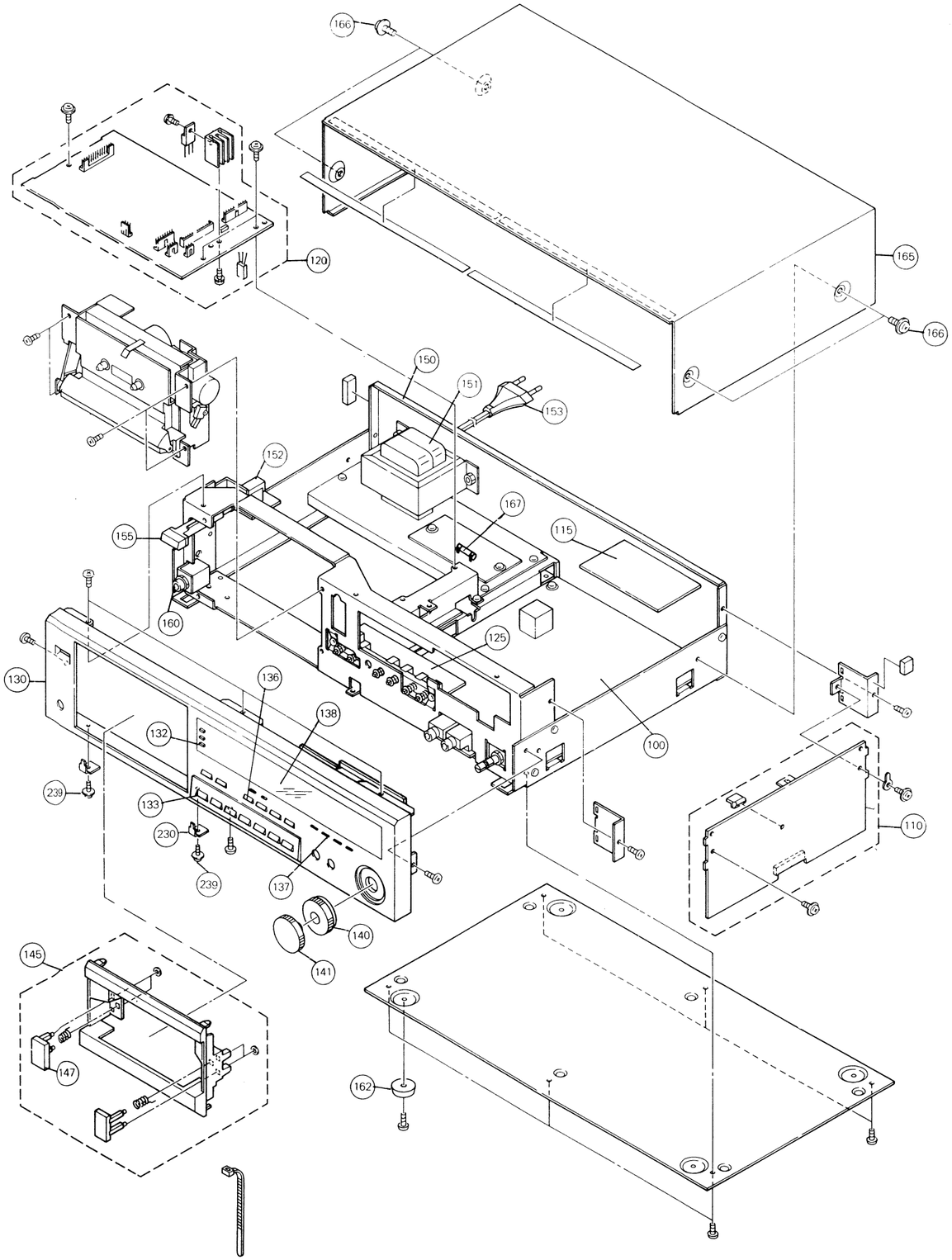
Logic Matrix

Pin	38	39	40	in function	
	L	L	H	Pause, Rec. SB, MF ▶▶, ◀◀ Tonkopfschlitten in Pos. Pause	
	L	H	L	Play, Record, Auto Space Tonkopfschlitten in Pos. Play	
	H	H	L	FF, RW	} Tonkopfschlitten in Pos. Stop
	H	L	L	Stop	

Signification · Bezeichnung:
2 ← Input
7 → Output
⎎ Signal HIGH active
⎿ Signal LOW active
Record SB = Record Stand By
FF = Fast Forward
RW = Rewind
MF = Music Finder
Slide Motor = Motor für Laufwerkfunktionen

Connector Main Board

CN 309			P 311		
Pin	Signal		Pin	Signal	
1 ←	⎎	9,5 cm/s	3 ←		+12 V
2 ←	⎎	4,75 cm/s	4 →	⎿	Signal Space (Musiklücke)
3 ←	⎎	Met Tape	10 ←		+5 V
4 ←	⎎	Cr Tape	5 ←	⎎	Line Mute OFF
5 ←	⎎	Fe Tape	8 ←	⎎	Pause
6 ←	⎎	FeCr Tape	7 ←	⎎	Record ON
			6 ←	⎿	Record Mute OFF


166
120
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150
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153
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132
100
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230
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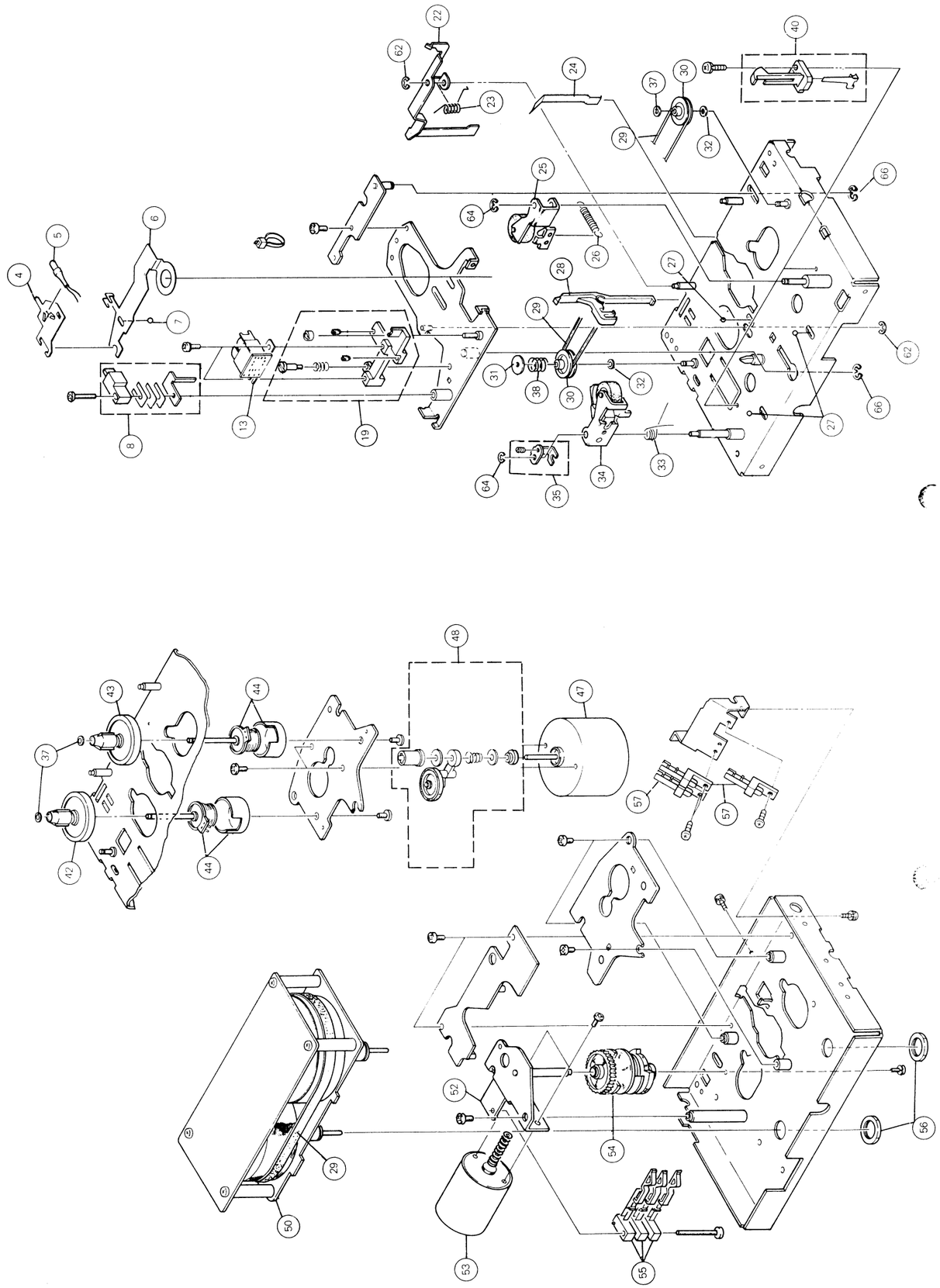
137
140
110
141
145
147
162


22
62
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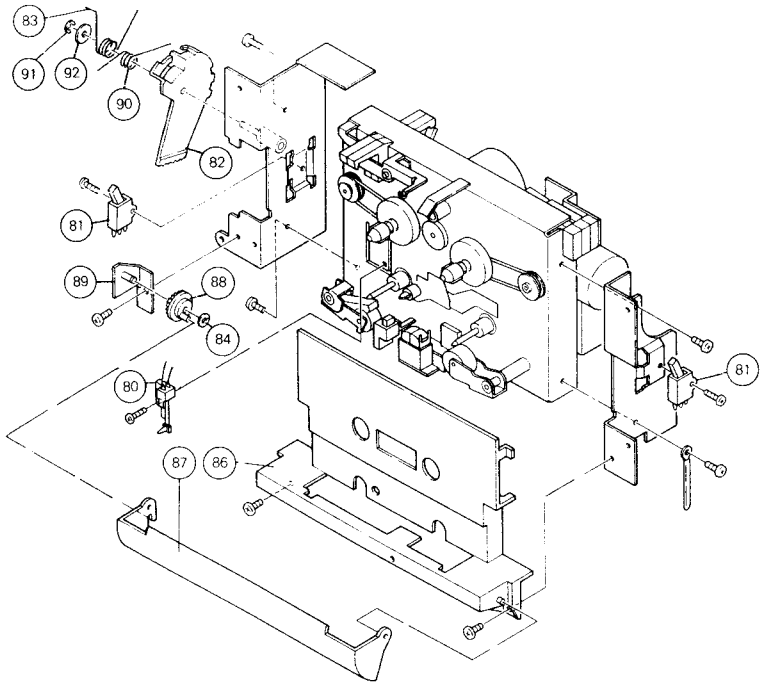

Ersatzteile · Replacement parts · Pièces détachée · C 846

Pos.	Art.-Nr.	Stck	Bezeichnung
4	278456	1	Lampenhalter
5	278457	1	Lampe
6	278458	1	Stütze
7	278459	1	Kugel
8	278518	1	Löschkopf
13	278519	1	AW-Kopf
19	278520	1	Kopfträger kpl.
22	278469	1	Schalthebel
23	278470	1	Schenkelfeder
24	278471	1	Cassettenhalter
25	278472	1	Andruckhebel kpl. R
26	278473	1	Zugfeder
27	209353	3	Kugel 2,0
28	278474	2	Recordhebel
29	278665	1	Riemensatz
30	278476	2	Rolle
31	278477	1	Scheibe 1,8/8/0,5
32	278478	2	Scheibe 2,1/4/0,5
33	278479	1	Schenkelfeder
34	278480	1	Andruckhebel kpl. L
35	278521	1	Justageplatte kpl.
37	278483	3	Scheibe 1,8/3,2/0,5
38	278484	1	Druckfeder
40	278522	2	Cassettenhalter
42	278487	1	Mitnehmer L
43	278488	1	Mitnehmer R
44	278523	2	Mitnehmerachse kpl.
47	278188	1	Motor (Reel)
48	278524	1	Antriebsrolle kpl.
50	278187	1	Motor (Capstan)
52	278498	1	Getriebesupport
53	278189	1	Motor (Getriebe)
54	278499	1	Getriebe
55	278500	3	Schalter
56	278501	2	Mutter M9
57	278502	3	Schalter
62	278503	2	Sicherungsscheibe 2,5
64	278504	2	Sicherungsscheibe 2,0
66	278505	2	Sicherungsscheibe 3,0
80	278234	1	Schalter
81	278071	2	Schalter
82	270170	1	Dämpfungshebel
83	271053	1	Schenkelfeder
84	278235	1	Stopper
86	278236	1	Abdeckung SM
86	278580	1	Abdeckung AM
87	278237	1	Kopfschutz
88	278238	1	Dämpfungsrad
89	278239	1	Getriebelager
90	268263	1	Spiralfeder B
91	278503	2	Sicherungsscheibe 2,5
92	269484	1	Scheibe 3,7/9/0,5

Pos.	Art.-Nr.	Stck	Bezeichnung
100	278179	1	**Grundplatte**
D 101	264086	15	Diode MA 150
D 102	264086	15	Diode MA 150
D 301	265534	1	Diode WO 2
D 302	272681	1	Diode 2 W 02
D 303	264086	15	Diode MA 150
D 304	272334	1	Diode SR 1 K 2 LF
D 305	278507	1	Diode HZ 12 C 1
D 306	264086	15	Diode MA 150
D 307	245343	1	Diode DA 90
D 308	264086	15	Diode MA 150
D 309	264086	15	Diode MA 150
D 310	278210	1	Diode HZ 9 C 1 L
D 311	264086	15	Diode MA 150
D 312	264086	15	Diode MA 150
D 313	270137	4	Diode HZ 15-1
bis			
D 316	270137	4	Diode HZ 15-1
D 317	264086	15	Diode MA 150
D 318	264086	15	Diode MA 150
D 319	264086	15	Diode MA 150
D 321	268327	2	Diode HZ 6 B 3
D 322	268327	2	Diode HZ 6 B 3
D 323	264086	15	Diode MA 150
D 324	264086	15	Diode MA 150
D 325	245343	2	Diode OA 90
F 2	237146	1	Sicherung T 0,4 A
F 3	237146	1	Sicherung T 0,4 A
F 4	237710	1	Sicherung T 1,6 A
J 101	272949	2	Buchse (MIC)
L 101	278196	1	Spule
L 102	278196	4	Spule
L 301	273777	2	Spule 1 mH
L 302	273777	2	Spule 1 mH
Q 101	273779	12	Transistor 2 SC 1685 S
Q 102	273779	12	Transistor 2 SC 1685 S
Q 103	274774	1	Transistor 2 SD 1302 T
Q 104	273779	12	Transistor 2 SC 1685 S
Q 105	273779	12	Transistor 2 SC 1685 S
Q 301	278195	2	Transistor 2 SD 1406 GR
Q 302	278193	2	Transistor 2 SB 1015 GR
Q 303	265578	3	Transistor 2 SA 564
Q 304	273779	12	Transistor 2 SC 1685 S
Q 305	273779	12	Transistor 2 SC 1685 S
Q 306	278217	2	Transistor 2 SC 3112 B
Q 307	265578	3	Transistor 2 SA 564
Q 308	278195	2	Transistor 2 SD 1406 GR
Q 309	278193	2	Transistor 2 SB 1015 GR
Q 310	265578	3	Transistor 2 SA 564
Q 311	278217	2	Transistor 2 SC 3112 B
Q 312	273779	12	Transistor 2 SC 1685 S

Pos.	Art.-Nr.	Stck	Bezeichnung
Q 313	278206	1	Transistor 2 SD 1198 R
Q 314	273779	12	Transistor 2 SC 1685 S
bis			
Q 317	273779	12	Transistor 2 SC 1685 S
Q 318	265578	4	Transistor 2 SA 564
Q 319	273779	12	Transistor 2 SC 1685 S
Q 320	278794	1	Transistor UN 4211
R 261	278508	2	Sicherungswiderstand 150 Ω
R 360	278508	2	Sicherungswiderstand 150 Ω
R 361	278508	2	Sicherungswiderstand 150 Ω
T 101	278197	1	Spule
IC 301	263172	1	IC MC 14081
IC 302	278207	2	IC AN 6558
IC 303	260189	1	IC TBB 1458 B
IC 304	278209	3	IC TC 4052 BP
IC 305	278209	3	IC TC 4052 BP
IC 306	273836	1	IC 4071 BP
IC 307	278209	3	IC TC 4052 BP
IC 308	278208	1	IC TD 62554 S
IC 309	278207	1	IC AN 6558
IC 310	271144	1	IC LB 1436
OC 1	278202	1	Spule
VR 101	278199	1	Steller 1 kΩ
VR 102	263041	3	Steller 20 kΩ
VR 103	278198	1	Steller 10 kΩ
VR 104	263041	3	Steller 20 kΩ
VR 105	278201	1	Steller 47 kΩ
VR 301	278200	2	Steller 2 kΩ
VR 302	278200	2	Steller 2 kΩ
VR 303	270193	1	Steller 5 kΩ
VR 304	263041	3	Steller 20 kΩ
110	278497	1	**Dolby-Platte kpl.**
D 501	264086	1	Diode MA 150
Q 401	273779	3	Transistor 2 SC 1685 S
Q 402	273779	3	Transistor 2 SC 1685 S
Q 501	278217	2	Transistor 2 SC 3112 B
Q 502	273779	3	Transistor 2 SC 1685 S
Q 503	278217	1	Transistor 2 SC 3112 B
Q 504	265578	1	Transistor 2 SA 564
Q 509	273779	4	Transistor 2 SC 1685 S
T 401	273776	2	Spule
T 402	278216	1	Filter
T 403	273776	2	Spule
T 404	278214	1	Spule
IC 401	278218	2	IC TEA 0665
IC 402	278218	2	IC TEA 0665
IC 501	260189	1	IC TBB 1458 B
RL 501	278215	1	Relais
115	278506	1	**Anschlußplatte**
116	278327	1	Anschlußbuchsen
Q 201	274774	1	Transistor 2 SD 1302 T
Q 391	265578	1	Transistor 2 SA 564
R 395	278508	3	Sicherungswiderstand 150 Ω
R 396	278508	2	Sicherungswiderstand 150 Ω
R 397	278508	3	Sicherungswiderstand 150 Ω
IC 391	278219	1	IC NJM 4556
IC 392	278220	1	IC BA 6138
VR 201	263222	1	Steller 500 Ω
120	278181	1	**Controlplatte**
D 601	278507	1	Diode HZ 12 C 1
D 602	264086	3	Diode MA 150
D 603	264086	3	Diode MA 150
D 604	278227	1	Diode HZ 9 C 1
D 605	278509	1	Diode HZ 7 B 1
D 606	278228	1	Diode HZ 3 B 2
D 607	264086	3	Diode MA 150
Q 601	273904	1	Transistor 2 SK 246 Y
Q 602	278223	1	Transistor 2 SC 1685 Q
Q 603	278195	1	Transistor 2 SD 1406 GR
Q 604	265578	1	Transistor 2 SA 564
Q 605	278217	1	Transistor 2 SC 3112 B
Q 606	278217	1	Transistor 2 SC 3112 B
Q 607	278193	1	Transistor 2 SB 1015 GR
Q 608	273779	2	Transistor 2 SC 1685 S
Q 609	273779	2	Transistor 2 SC 1685 S
Q 610	265578	1	Transistor 2 SA 564
Q 611	265578	2	Transistor 2 SA 564
CF 601	271101	1	Keramik-Filter
IC 601	270225	1	IC M 54560 P
IC 602	270180	1	IC TC 4069 UBP
IC 603	271105	1	IC TD 62104 P
IC 604	278221	1	IC UP TMP 4321

Pos.	Art.-Nr.	Stck	Bezeichnung
IC 605	273973	1	IC BA 6109
IC 606	278226	1	IC BA 6209
IC 607	278225	1	IC AN 7805
RA 601	278510	2	Netzwerk 10 K
RA 602	278511	1	Netzwerk 4,7 K
RA 603	278510	2	Netzwerk 10 K
RA 604	278512	1	Netzwerk 2,2 K
RA 605	278513	1	Netzwerk 4,7 K
VR 601	278200	1	Steller 2 kΩ
125	278182	1	**Selectionsplatte**
D 701	264086	1	Diode MA 150
D 702	264086	1	Diode MA 150
S 2–7	278232	1	Drucktastenset
IC 701	273840	1	IC TC 4001 BP
IC 702	278208	1	IC TD 62554 S
VR 701	278231	2	Steller 50 kΩ
VR 702	278231	2	Steller 50 kΩ
130	278184	1	Frontteil SM kpl.
130	278781	1	Frontteil AM kpl.
131	278243	1	Frontblende SM
131	278793	1	Frontblende AM
132	278244	1	Knopf SM
132	278789	1	Knopf AM
133	278515	1	**Tipptastenplatte**
134	274053	1	Taste SM kpl.
134	278594	1	Taste AM kpl.
136	274056	1	Taste SM
136	278792	1	Taste AM kpl.
137	278516	1	**LED-Platte**
138	278242	1	Anzeigeinstrument
D 801	264086	2	Diode DD 150
D 802	264086	2	Diode DD 150
S 8	270221	3	Tipptaster
S 9	270221	3	Tipptaster
S 10	270221	3	Tipptaster
S 11	274447	7	Tipptaster
bis			
S 17	274447	7	Tipptaster
LD 1	278245	1	LED SL 1012
LD 2	273786	5	LED GL 9 NG 24
LD 3	274417	1	LED GL 9 PR 24
LD 4	273786	5	LED GL 9 NG 24
bis			
LD 7	273786	5	LED GL 9 NG 24
LD 8	278086	2	LED GL 9 HY 24
LD 9	278086	2	LED GL 9 HY 24
128	278783	1	**Entzerrerplatte LED**
IC 391	278208	1	IC TD 62554 S
140	278079	1	Drehknopf R SM
140	278786	1	Drehknopf R AM
141	272326	1	Drehknopf L SM
141	278785	1	Drehknopf L AM
145	278185	1	Cassetten-Abdeckung SM
145	278782	1	Cassetten-Abdeckung AM
147	278332	1	Taste SM kpl.
147	278795	1	Taste AM kpl.
150	278186	1	Rückwand kpl.
150	278248	1	Rückwand
151	278247	1	**Netztrafo**
152	277989	1	Netzschalter
153	243750	1	Netzkabel Europa
155	278192	1	Taste SM
155	278784	1	Taste AM
156	278517	1	Tastenverlängerung
157	268311	1	Gelenkfeder
160	266528	1	Kopfhörerbuchse
162	268315	4	Fuß
164	274717	1	Stromversorgungsplatte
165	272671	1	Gehäuseblech SM
165	275896	1	Gehäuseblech AM
166	272673	4	Schraube 4 x 6
166	275907	4	Schraube 4 x 6 AM
167	221269	1	Sicherung T 0,16 A
	277966	1	Bedienungsanleitung C 846
	278274	1	Verpackungskarton SM
	278791	1	Verpackungskarton AM
	278275	1	Seitenteil L
	278276	1	Seitenteil R
	278277	1	Seitenteil F

Änderungen vorbehalten!/Subject to change!/Sous réserve de modification!